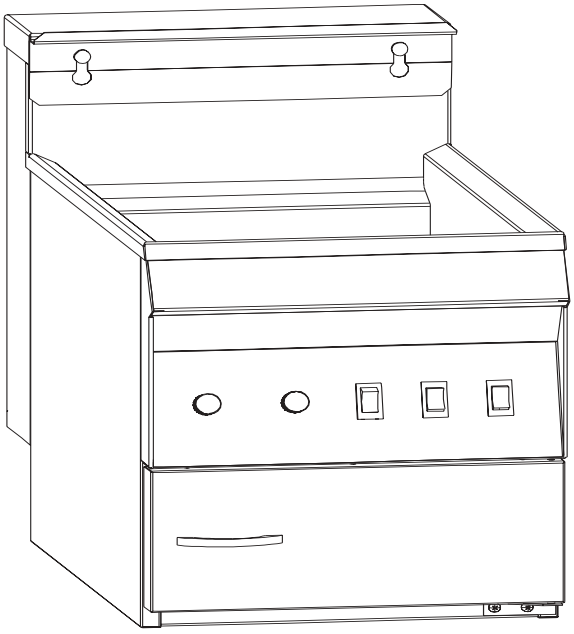
Pitco Frialator®

There's Always Something Cooking!

Installation, Operation, and Maintenance Manual
For the
Electric Counter Top Pasta Cooker

Model CPE14



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NOTICES

There are three different types of notices that you should be familiar with; a NOTICE, CAUTION, and WARNING. A NOTICE is a special note used to call attention to a particularly important point. CAUTION is used to point out a procedure or operation which may cause equipment damage. The WARNING notice is the most important of the three because it warns of an operation that may cause personal injury. Please familiarize yourself with your new cooker before operating it and heed the notices throughout this manual. The WARNINGS are listed below and on the following pages for your review prior to operating the cooker.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

THIS MANUAL MUST BE RETAINED FOR FUTURE REFERENCE

WARNING

The cooker must be electrically grounded in accordance with local codes. If local codes do not apply, follow the requirements of National Code ANSI/NFPA 70-1990.

WARNING

Be sure the heating elements are COMPLETELY covered with water before turning the cooker on.

WARNING

The cooker must be disconnected from the facility power supply before servicing or cleaning the cooker.

WARNING

DANGER - HIGH VOLTAGE PRESENT

NEVER remove fuses from the cooker until the cooker is disconnected from the facility power supply.

WARNING

Overflow drain stop. DO NOT leave unattended during filling.

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Chapter 3: Service, Maintenance, And Adjustments

This chapter provides the qualified technician with the troubleshooting and replacement procedures necessary to service the counter top cooker. If your cooker does not perform properly after performing maintenance, contact your authorized service center. For repair, maintenance, or an explanation of any procedure, contact your dealer, local service company, the factory representative in your area, or the factory.

WARNING

The power supply must be disconnected before servicing or cleaning the cooker.

3.1 THERMOSTAT CALIBRATION

The Pasta Perfect cooker is equipped with a thermostat that controls the heating element when the FUNCTION SELECT switch is in the SIMMER position. This thermostat should be set at approximately 195°F. To change the thermostat setting, use the following procedure:

a. Place an accurate mercury thermometer in the center of the cooking tank with the bulb approximately 3" below the surface of the water. Allow enough time for the thermometer to stabilize.

b. Using a flat tip screwdriver, turn the shaft on the thermostat clockwise to decrease the temperature setting; turn the shaft counterclockwise to increase the temperature setting. The thermostat is located on the lower right front wall of the tank. The shaft should not need to be turned more than 1/4 turn to adjust the temperature setting.

CAUTION

DO NOT turn the adjusting shaft more than two (2) turns in either direction.

3.2 CHECKING AND REPLACING FUSES

A general purpose ohmmeter or continuity checker is needed to check the heating element fuses. It is recommended that a qualified technician check the fuses. Use the following procedures to check and replace fuses:

WARNING

DANGER - HIGH VOLTAGE PRESENT

NEVER remove fuses from the cooker until the cooker is unplugged from the facility power supply.

a. To check and replace heating element fuses:

1. Unplug the cooker from facility power source.

2. Remove screw to fuse access door on back panel of the cooker.

3. The heating element fuses are mounted in a fuse holder located behind the rear access panel.

4. Remove each fuse by gently pulling the fuse straight out of the holder using a fuse puller.

5. Use an ohmmeter set on "x 1" ohms (resistance) setting to check the fuses for continuity. For a GOOD fuse, the meter reading should be approximately zero "0" ohms. If the reading is significantly above zero ohms, replace the fuse.

6. Replace each fuse by pushing the fuse straight into the fuseholder until it locks in place.

7. Lower fuse access door.

8. Replace screw and tighten.

9. Plug the cooker into the facility power source.

3.3 REPLACEMENT PROCEDURES

These procedures are provided as a guide to removal and replacement of various cooker components. If a test is required to verify component operation after installation, the test will be referenced.

WARNING

To prevent burns, always ensure the cooker is completely SHUT DOWN and COOLED down before performing any work.

WARNING

The power supply must be disconnected before servicing or cleaning the cooker.

3.3.1 Thermostat Replacement

a. Disconnect the cooker from the facility power source.

b. Open the door.

c. Drain the water from the tank.

d. Remove the front panel.

e. Disconnect the 9-pin connector.

f. Disconnect two thermostat wires from the terminal block.

g. Unscrew thermostat from tank.

h. Remove the thermostat.

i. Place sealant on the new thermostat.

j. Install new thermostat in the tank.

k. Reconnect thermostat wires to the terminal block.

l. Reconnect the 9-pin connector.

m. Reinstall the front panel.

n. Close drain.

o. Close the door.

p. Reconnect the cooker to the facility power source.

3.3.2 Limit Control Replacement

The limit control includes a temperature sensor inside the tank, a control unit inside the cooker cabinet, and connecting capillary tubing.

CAUTION

The limit control capillary tubing is very delicate. Be VERY CAREFUL when working with the capillary tubing. The limit control is no longer usable if the tubing is kinked or broken.

a. Disconnect the cooker from the facility power source.

b. Drain the water from the cooker and remove the element rack assembly.

c. The limit control probe (heat sensor) is clamped to the heating element inside the tank. Unscrew and remove the two screws in the probe clamp.

d. Remove the probe from the clamp and straighten the capillary tubing.

e. Unscrew the small hex nut inside the cabinet at the front of the tank for the limit control.

f. Unscrew the large connector nut from the tank and pull the probe and capillary tubes through the opening.

g. Remove the two mounting screws from the limit control bracket and remove the limit control unit, located behind the front panel.

h. Install a new limit control unit by connecting the wires.

i. Place the limit control unit in the limit control bracket.

j. Install and tighten the two mounting screws.

k. Insert the probe and capillary tubes through the opening in the tank.

l. Reinstall the front panel.

NOTE

Use approved pipe joint compound on the large fitting before installing to prevent water leakage. DO NOT use joint compound on the small nut.

m. Install the large connector nut on the tank and tighten.

n. Carefully reshape the capillary tubes.

o. Place the probe in the clamp.

p. Rescrew the two screws into the probe clamp.

q. Screw the small hex nut inside the cabinet at the front of the tank for the limit control.

r. Replace the element rack assembly.

s. Reconnect the cooker to the facility power source.

3.3.3 Heater Element Replacement

a. Disconnect the cooker from the facility power source.

b. Open the door.

c. Drain the water from the tank.

d. Remove front panel.

e. Remove the wires from the heater element.

f. Remove the element support bar.

g. Remove the limit control bulb clamp.

h. Remove two (2) nuts holding the heating elements in place.

i. Remove the heating element.

j. Place sealant on the new heating element.

k. Install the new heating element in the tank.

l. Replace the two (2) nuts and tighten them.

m. Reconnect the wires.

n. Replace the limit control bulb clamp.

o. Replace the element support bar.

p. Reinstall the front panel.

q. Reconnect the cooker to the power source.

3.4 TESTING RELAYS AND CONTACTORS

Contactors and relays use a control voltage to energize an electro magnet which closes a set of contacts. The control voltage is applied to a solenoid type coil. When measuring a coil's resistance, ensure the coil is disconnected from the cooker's electrical system. This will ensure that only the coil's resistance is measured and not a part of the cooker's wiring. When measured with an Ohmmeter, these coils should have low resistance of less than 100 ohms. Measure each of the contactors that are suspect. If any relay or contactor coil indicates an open circuit or high amount of resistance, replace the relay or contactor.

3.5 TESTING HEATING ELEMENTS

To test a heating element, place the POWER switch in the OFF position. Test the elements by performing the following steps:

a. The terminal block that connects the heating element to the cooker is located behind the front panel.

b. Use an ohmmeter to check the continuity of the element from one end to the other. The reading should be very low (a few ohms). If the element indicates an open circuit, replace the element.

c. Next check from the hot side of the element to ground. The reading should be infinite. If it is not, replace the element.

3.6 TESTING THE THERMOSTAT

To test the thermostat, place the power switch in the OFF position. Test the thermostat by performing the following:

a. Remove the front panel to access the thermostat wires.

b. Use an ohmmeter to measure the continuity across thew thermostat wires.

c. The thermostat should be closed (0 ohms) below 195°F and open (× ohms) above 195°F.

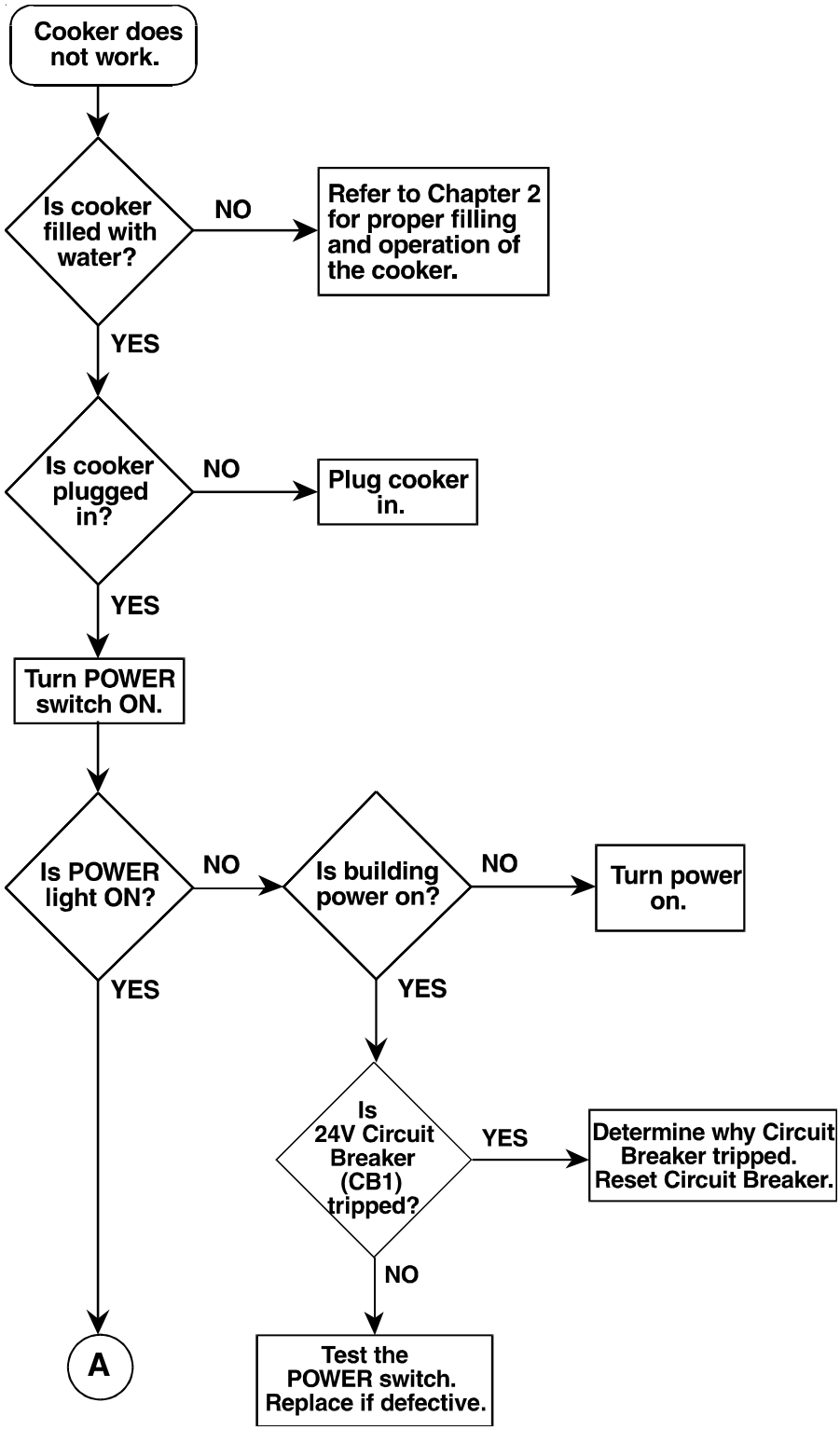
d. If the thermostat is defective, replace it.

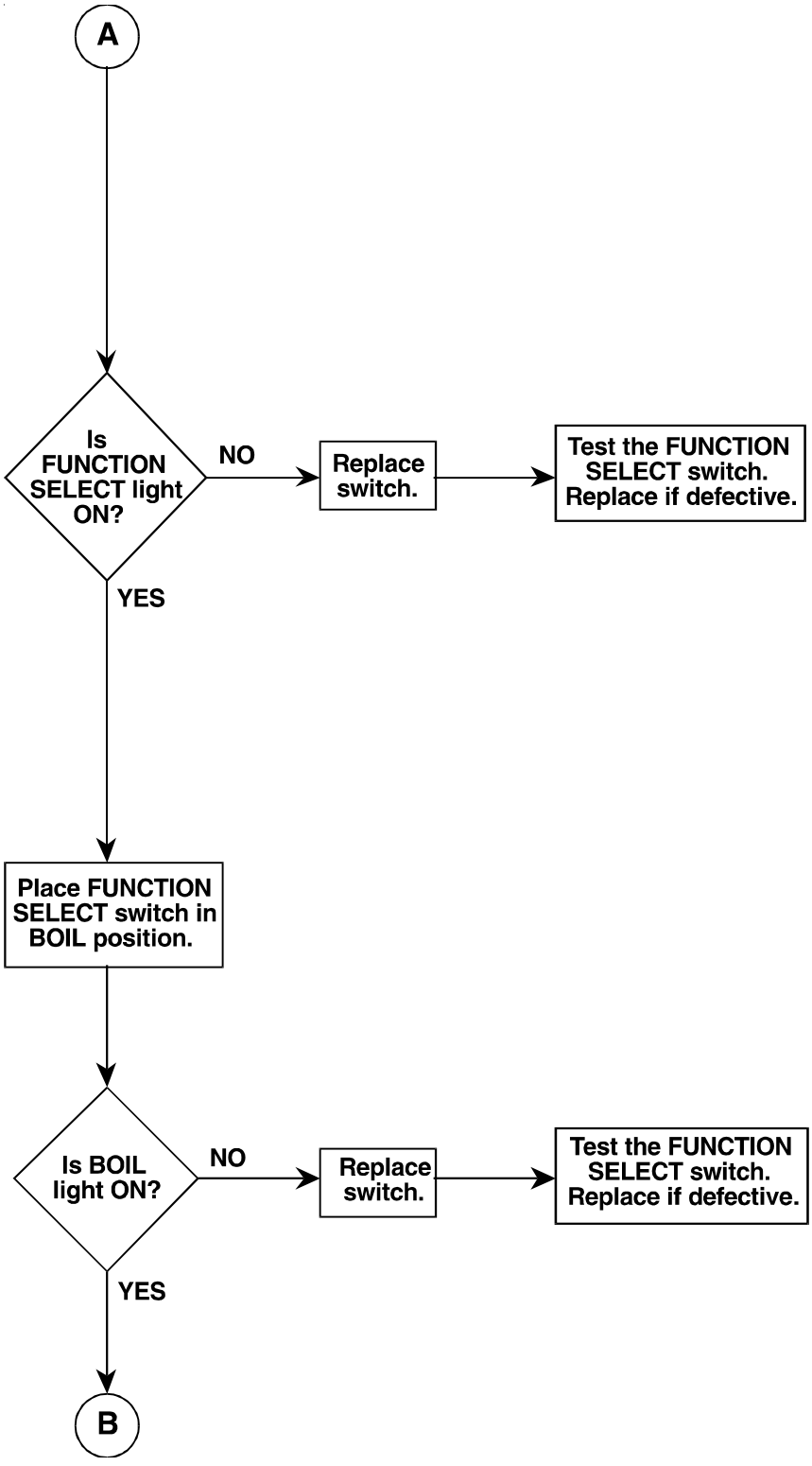
e. Reinstall the front panel.

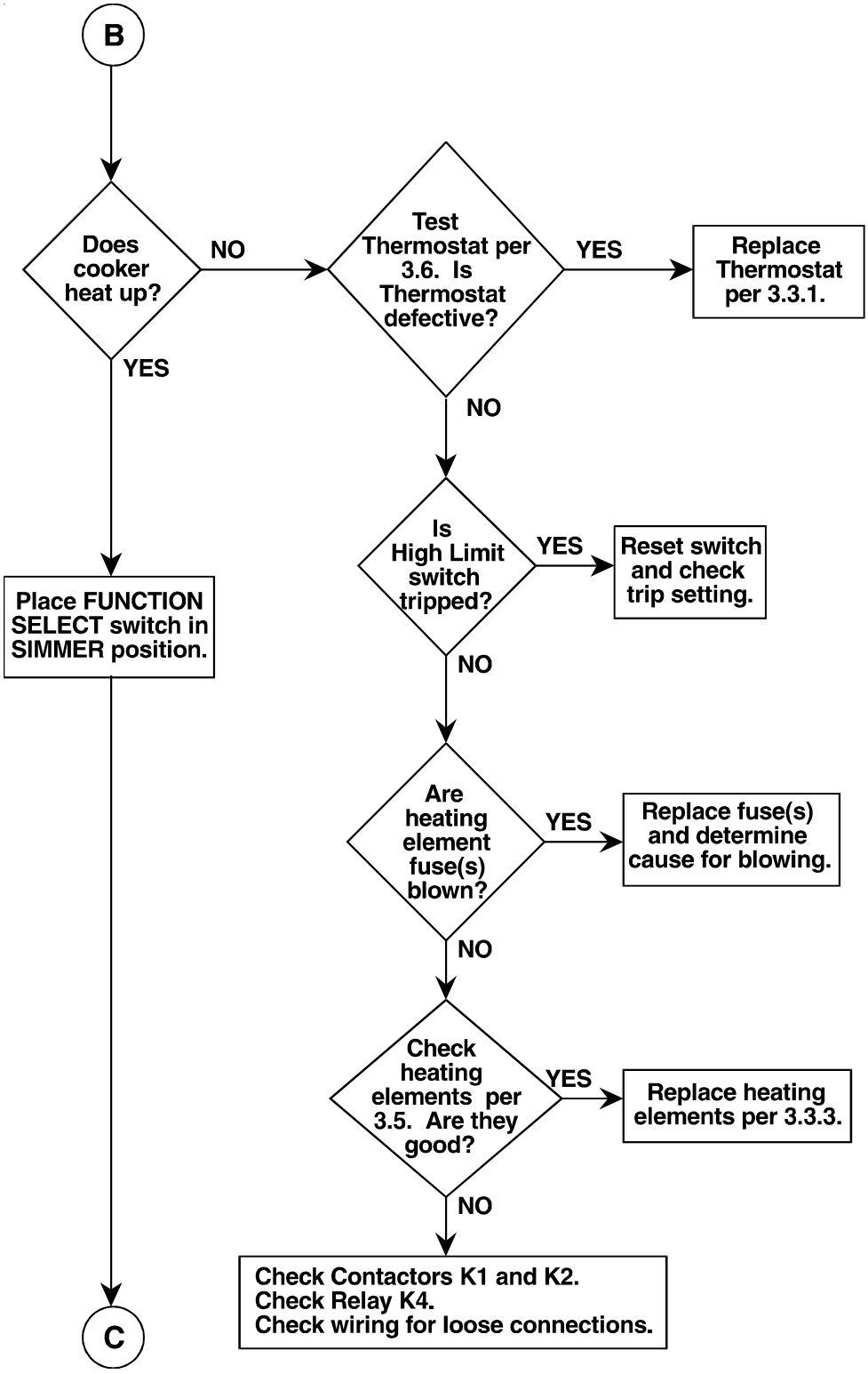
f. Reconnect the cooker to the facility power source.

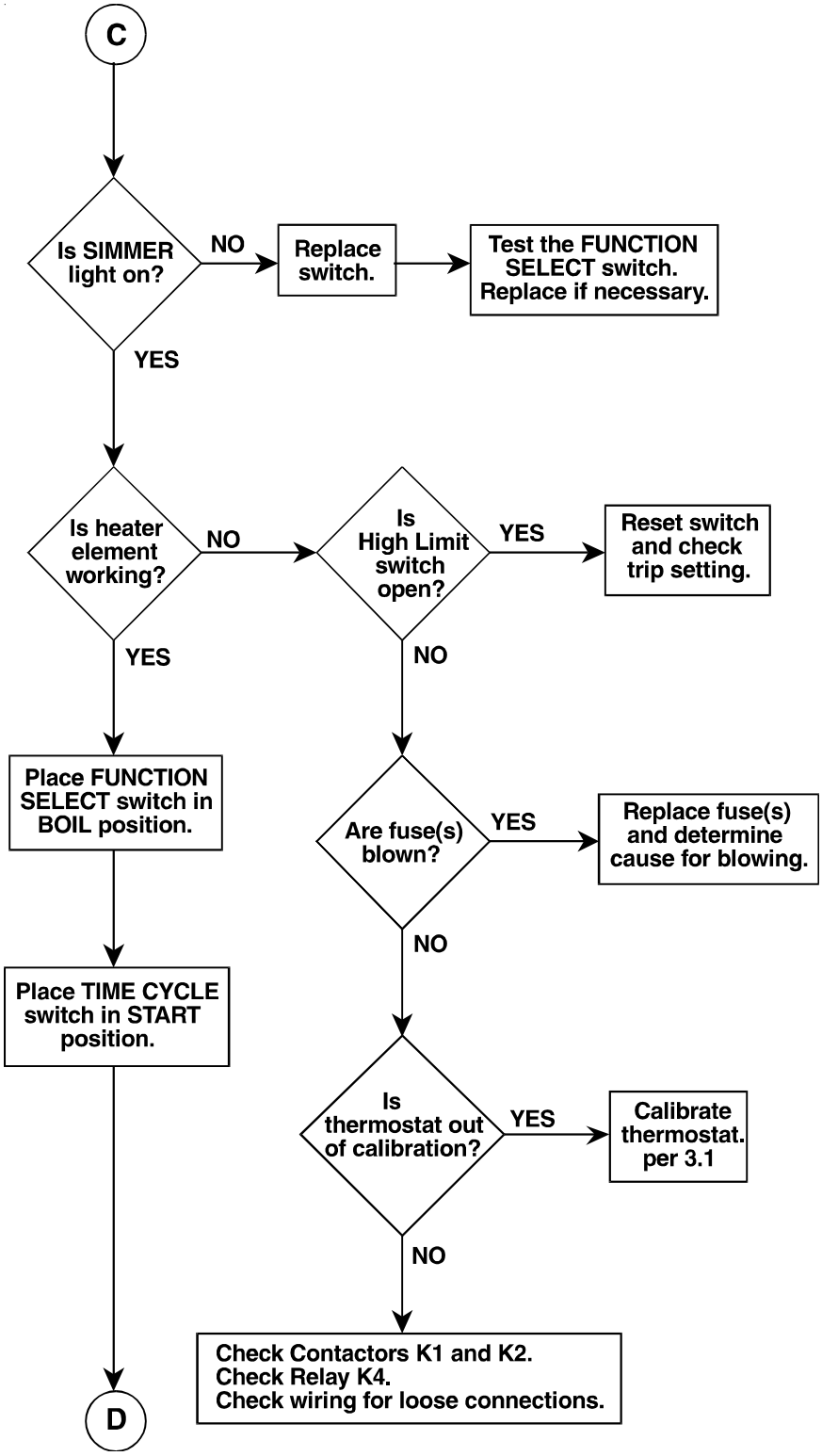
3.7 TROUBLESHOOTING

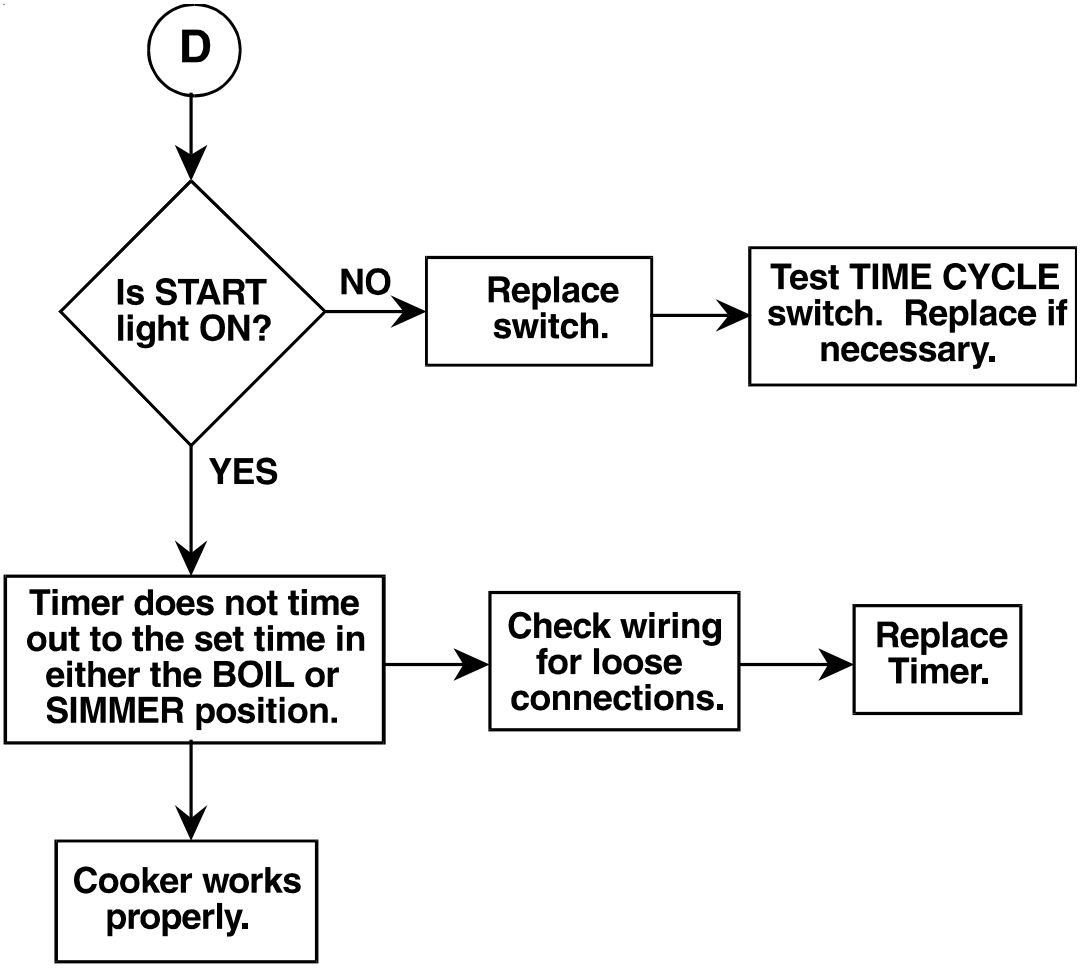
This section is provided to aid troubleshooting in the event of cooker failure. If this troubleshooting guide does not help correct the problem, contact a qualified technician.




A
Is FUNCTION SELECT light ON?
NO
Replace switch.
Test the FUNCTION SELECT switch. Replace if defective.
YES
Place FUNCTION SELECT switch in BOIL position.
Is BOIL light ON?
NO
Replace switch.
Test the FUNCTION SELECT switch. Replace if defective.
YES
B


B
Does cooker heat up?
NO
Test Thermostat per 3.6. Is Thermostat defective?
YES
Replace Thermostat per 3.3.1.
YES
NO
Is High Limit switch tripped?
YES
Reset switch and check trip setting.
NO
Place FUNCTION SELECT switch in SIMMER position.
Are heating element fuse(s) blown?
YES
Replace fuse(s) and determine cause for blowing.
NO
Check heating elements per 3.5. Are they good?
YES
Replace heating elements per 3.3.3.
NO
Check Contactors K1 and K2.
Check Relay K4.
Check wiring for loose connections.
C


C
Is SIMMER light on?
NO
Replace switch.
Test the FUNCTION SELECT switch. Replace if necessary.
YES
Is heater element working?
NO
Is High Limit switch open?
YES
Reset switch and check trip setting.
YES
NO
Place FUNCTION SELECT switch in BOIL position.
Are fuse(s) blown?
YES
Replace fuse(s) and determine cause for blowing.
NO
Place TIME CYCLE switch in START position.
Is thermostat out of calibration?
YES
Calibrate thermostat. per 3.1
NO
Check Contactors K1 and K2.
Check Relay K4.
Check wiring for loose connections.
D


D
Is START light ON?
NO
Replace switch.
Test TIME CYCLE switch. Replace if necessary.
YES
Timer does not time out to the set time in either the BOIL or SIMMER position.
Check wiring for loose connections.
Replace Timer.
Cooker works properly.

Chapter 4: Parts

This chapter contains listings of components and repair parts used in the electric Pitco Frialator electric counter top pasta cooker. Components and repair parts are shown in the following illustrations. Each illustration is supplied with a table of components in Index Number sequence. Each illustration has numbered lines pointing to components that correspond to the Index Numbers in the table.

Components and repair parts are also listed in both alphatical order and numerical order following the illustrations. The alphabetical list is arranged in alphabetical order according to part name and contains two columns. The first column lists the part name and the second column lists the assigned Pitco Frialator part number. The numerical list presents each part in part number sequence and contains two columns. Column 1 presents the Pitco Frialator part number and column 2 presents the part description.

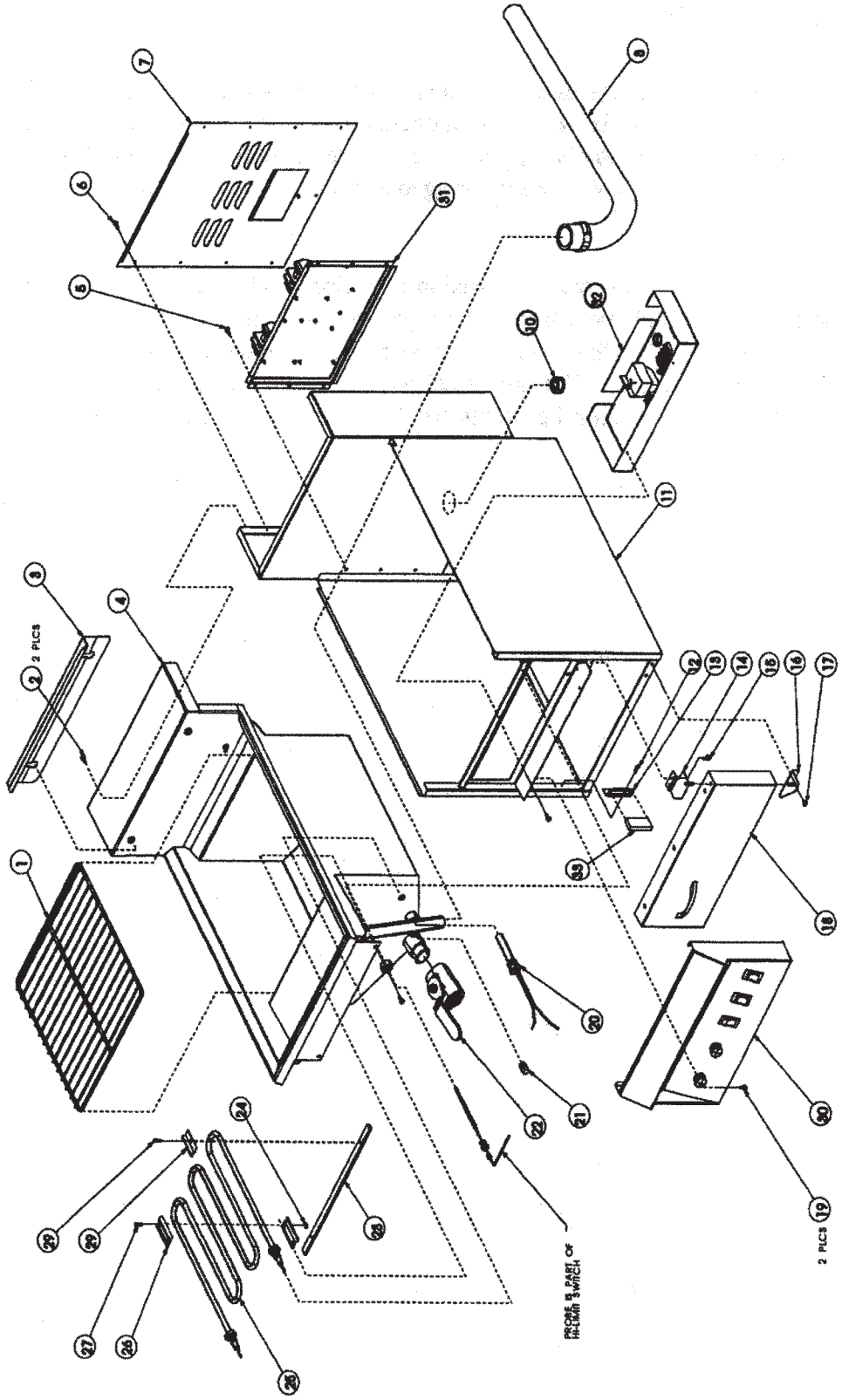


Figure 4-1. Overall Exploded View

Table 4-1. Overall Exploded View

Item Number	Pitco Frialator Part Number	Description	Quantity Per Unit
1	B4509601	SCREEN	1
2	P0075300	SCREW, #10 SELF DRILL	2
3	A1101602	BASKET HANGER	1
4	B3401801	TANK	1
5	PP10752	SCREW, 10-24 PAN HEAD	6
6	P0075400	SCREW, #10 SELF DRILL	7
7	B1812601	COVER, REAR	1
8	B3312201	HOSE, OVERFLOW	1
9	PP10388	CLAMP	1
10	P6071223	GROMMET	1
11	B1812301	CABINET	1
12	P0075300	SCREW, #10 SELF DRILL	2
13	A1817902	BRACKET, MAGNET CATCH	1
14	B7230203	HINGE, UPPER RIGHT	1
15	P0075300	SCREW, #10 SELF DRILL	2
16	B3800902	HINGE, LOWER RIGHT	1
17	P0075300	SCREW, #10 SELF DRILL	2
18	B2301501	DOOR	1
19	P0075300	SCREW, #10 SELF DRILL	2
20	P5047581	T-STAT	1
21	PP10839	PLUG, SS	1
22	PP10565	DRAIN VALVE	1
23	A2805902	RACK, ELEMENT	1
24	PP10019	NUT, 10-24 SS KEEP	2
25	P5046965	ELEMENT, 208 VAC	1
	P5046968	ELEMENT, 240 VAC	1
	PP10829	ELEMENT, 380 VAC	1
26	A1400302	CLAMP, T-STAT	1
27	PP10698	SCREW, 10-24 RH SS	2
28	A1400302	CLAMP	1
29	PP10665	SCREW, 10-24 X 3/8	2
30	B3612901	FRONT PANEL ASSEMBLY (SEE FIGURE 4-4)	1
31		REAR ENTRANCE BOX (SEE FIGURE 4-3)	1
32		FRONT ENTRANCE BOX (SEE FIGURE 4-2)	1
33	P6071300	MAGNET, DOOR	

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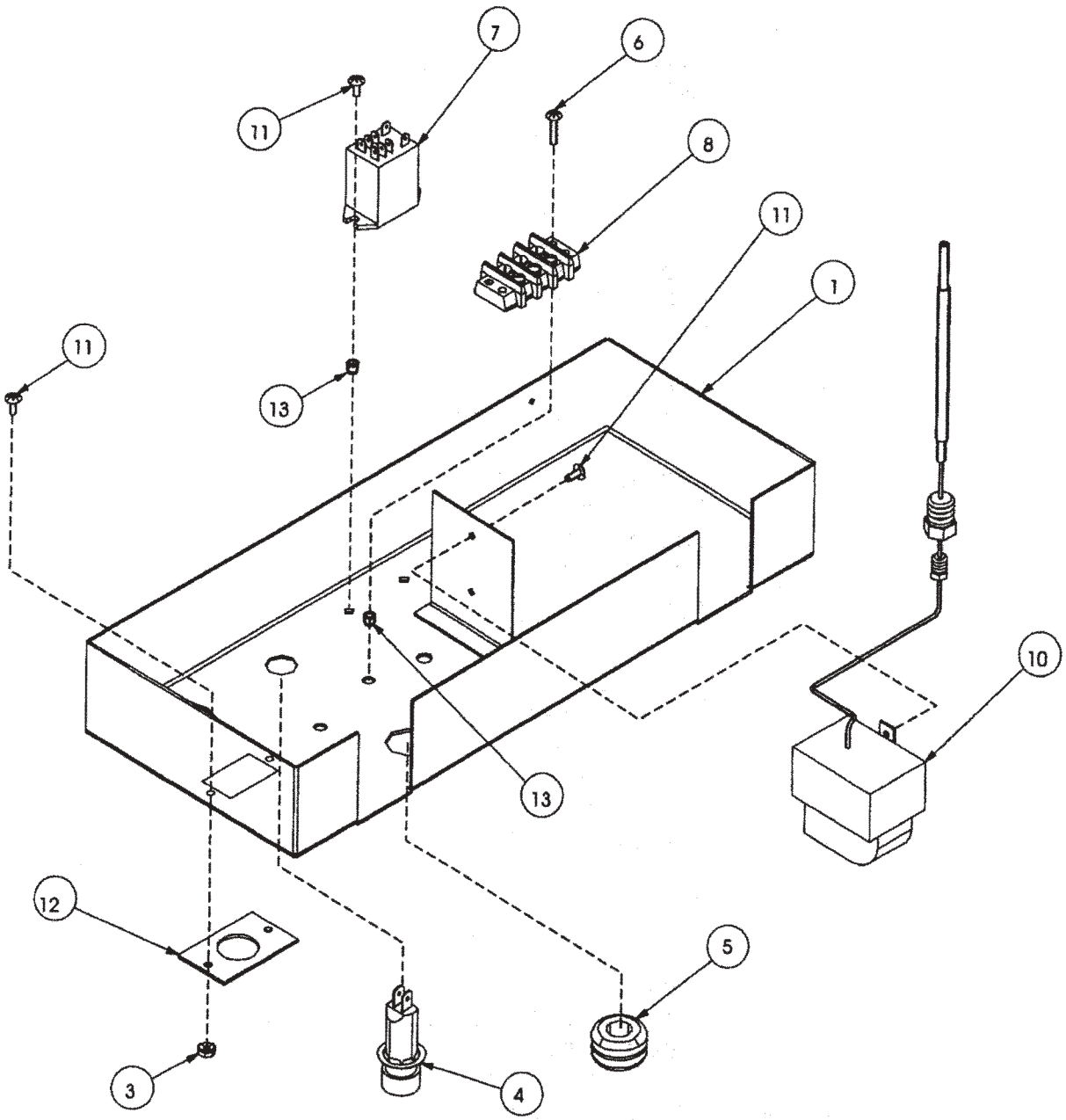

Figure 4-2. Front Entrance Box

Table 4-2. Front Entrance Box

Item Number	Pitco Frialator Part Number	Description	Quantity Per Unit
1	B2002101	CONTROL BOX, BODY	1
2	B6719101	WIRING HARNESS	1
3	P0091100	NUT, HEX 6-32	6
4	P5045220	CIRCUIT BREAKER, PUSH BUTTON	1
5	P6071223	GROMMET, .50 ID X 1.13 OD X .84 GRV DIA	1
6	P0006100	SCREW, 6-32 X 7/8"	2
7	P5046688	RELAY, 24 VAC, SPST	2
8	P5045283	BARRIER STRIP, THREE POST	1
9	P5046755	CAPACITOR, 6PS-810	1
10	PP10271	SWITCH, HIGH LIMIT	1
11	PP10687	SCREW, 6-32 X 5/16"	6
12	A2949101	ENTRANCE BOX, MOUNTING PLATE	1
13	P0091400	NUTSERT, 6-32	4

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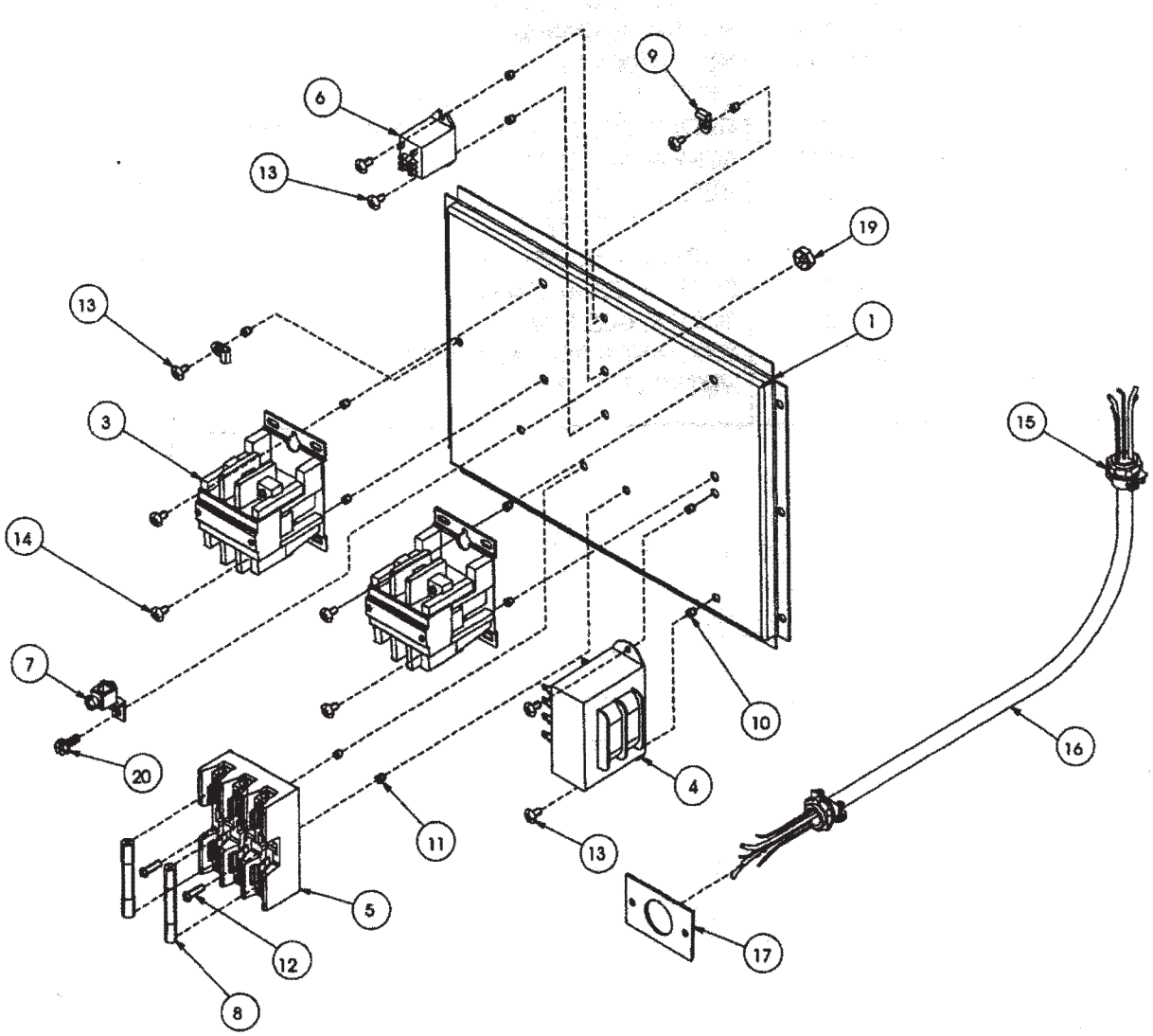

Figure 4-3. Rear Entrance Box

Table 4-3. Rear Entrance Box

Item Number	Pitco Frialator Part Number	Description	Quantity Per Unit
1	A2949101	ENTRANCE BOX	1
2	B6719202	WIRING HARNESS	1
3	PP10560	CONTACTOR, 24 VAC	2
4	PP10429	TRANSFMR, MULTI-TAP TO 24 VAC	1
	PP10428	TRANSFMR, 80 VA, 380/440/480 VAC TO 24 VAC (FOR USE IN 380 VAC MODEL)	1
5	P5045792	FUSE BLOCK, 3 POST	1
6	P5046688	RELAY, 24 VAC SPST	1
7	P5045241	CLAMP, GROUND	2
8	P5045701	FUSE, 40 AMP SLO-BLOW	2
9	P6071071	CLAMP, WIRE 3/8 NYLON	2
10	P0091400	NUTSERT, 6-32	6
11	P0092500	NUTSERT, 10-24	6
12	PP10698	SCREW, 10-24 X 5/8"	2
13	P0004600	SCREW, 6-32 X 5/16"	6
14	PP10693	SCREW, 10-24 X 3/8"	5
15	P6071140	CONNECTOR, LIQUID TIGHT	2
16	P5046197	CONDUIT, SEALTITE	1
17	A2949401	ENTRANCE BOX, CABLE RETURN	1
18	PP10020	LABEL, GROUND SYMBOL	1
19	P0093300	NUT, HEX 1/4-20	1
20	P0020600	SCREW, 1/4-20 X 5/8"	1

Revised 12/13/93

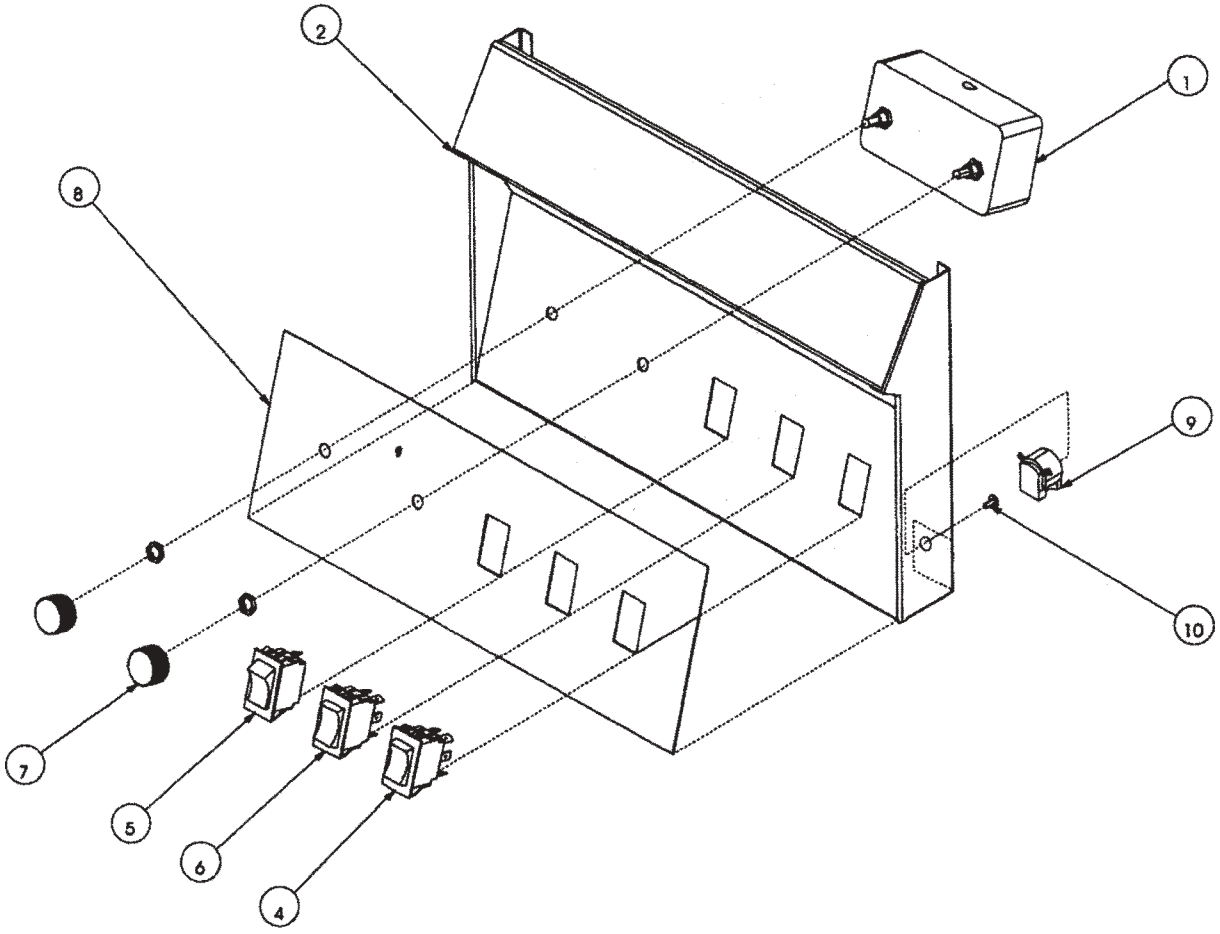

Figure 4-4. Front Panel Assembly

Table 4-4. Front Panel Assembly

Item Number	Pitco Frialator Part Number	Description	Quantity Per Unit
1	P5047569	TIMER	1
2	B3613001	FRONT PANEL WELDMENT	1
3	B6778725	WIRING HARNESS	1
4	P5047116	SWITCH, RED LIGHTED ROCKER	1
5	P5047118	SWITCH, GREEN LIGHTED ROCKER	1
6	P5047119	SWITCH, RED/AMBER LIGHTED ROCKER	1
7	P6071269	KNOB	1
8	P6096306	OVERLAY	1
9	P5045085	BUZZER, 24V	1
10	PP10687	SCREW, 6-32 X 5/16	1

Revised 12/13/93

ALPHABETICAL PART LIST

Part Description	Pitco Frialator Part No.
BARRIER STRIP, THREE POST	P5045283
BASKET HANGER	A1101602
BRACKET, MAGNET CATCH	A1817902
BUZZER	P5045085
CABINET	B1812301
CAPACITOR, 6PS-810	P5046755
CIRCUIT BREAKER, PUSH BUTTON	P5045220
CLAMP	PP10388
CLAMP, GROUND	P5045241
CLAMP, T-STAT	A1400302
CLAMP, WIRE 3/8 NYLON	P6071071
CONDUIT, SEALTITE	P5046197
CONNECTOR, LIQUID TIGHT	P6071140
CONTACTOR, 24 VAC	PP10560
COVER, REAR	B1812601
DOOR	B2301501
DRAIN VALVE	PP10565
ELEMENT, 208 VAC	P5046965
ELEMENT, 240 VAC	P5046968
ELEMENT, 380 VAC	PP10829
ENTRANCE BOX, CABLE RETURN	A2949401
FUSE BLOCK, 3 POST	P5045792
FUSE, 40 AMP SLO-BLOW	P5045701
GROMMET, .50 ID X 1.13 OD X .84 GRV DIA	P6071223
HINGE, LOWER RIGHT	B3800902
HINGE, UPPER RIGHT	B7230203
HOSE, OVERFLOW	B3312201
KNOB	P6071269
LABEL	P6096306
LABEL, GROUND SYMBOL	PP10020
MAGNET, DOOR	P6071300
NUT, 10-24 SS KEEP	PP10019
NUT, HEX 1/4-20	P0093300
NUT, HEX 6-32	P0091100
NUTSERT, 10-24	P0092500
NUTSERT, 6-32	P009140
PLUG, SS	PP10839
RACK, ELEMENT	A2805902
RELAY, 24 VAC, SPST	P5046688
SCREEN	B4509601
SCREW, #10 SELF DRILL	P0075400
SCREW, 1/4-20 X 5/8"	P0020600
SCREW, 10-24 PAN HEAD	PP10752
SCREW, 10-24 X 3/8	PP10665

ALPHABETICAL PART LIST (Continued)

Part Description	Pitco Frialator Part No.
SCREW, 10-24 X 3/8"	PP10693
SCREW, 10-24 X 5/8"	PP10698
SCREW, 6-32 X 5/16”	PP10687
SCREW, 6-32 X 5/16"	P0004600
SCREW, 6-32 X 7/8"	P0006100
SWITCH, GREEN LIGHTED ROCKER	P5047118
SWITCH, HIGH LIMIT	PP10271
SWITCH, RED LIGHTED ROCKER	P5047116
SWITCH, RED/AMBER LIGHTED ROCKER	P5047119
T-STAT	P5047581
TANK	B3401801
TIMER	P5047569
TRANSFMR, 80 VA, 380/440/480 VAC TO 24 VAC (380 VAC MODEL)	PP10428
TRANSFMR, MULTI-TAP TO 24 VAC	PP10429
WIRING HARNESS	B6719101
WIRING HARNESS	B6719202
WIRING HARNESS	B6778725

NUMERICAL PART LIST

Pitco Frialator Part No.	Part Description
A1101602	BASKET HANGER
A1400302	CLAMP, T-STAT
A1817902	BRACKET, MAGNET CATCH
A2805902	RACK, ELEMENT
A2949401	ENTRANCE BOX, CABLE RETURN
B1812301	CABINET
B1812601	COVER, REAR
B2301501	DOOR
B3312201	HOSE, OVERFLOW
B3401801	TANK
B3800902	HINGE, LOWER RIGHT
B4509601	SCREEN
B6719101	WIRING HARNESS
B6719202	WIRING HARNESS
B6778725	WIRING HARNESS
B7230203	HINGE, UPPER RIGHT
P0004600	SCREW, 6-32 X 5/16"
P0006100	SCREW, 6-32 X 7/8"
P0020600	SCREW, 1/4-20 X 5/8"
P0075400	SCREW, #10 SELF DRILL
P0091100	NUT, HEX 6-32
P009140	NUTSERT, 6-32
P0092500	NUTSERT, 10-24
P0093300	NUT, HEX 1/4-20
P5045085	BUZZER
P5045220	CIRCUIT BREAKER, PUSH BUTTON
P5045241	CLAMP, GROUND
P5045283	BARRIER STRIP, THREE POST
P5045701	FUSE, 40 AMP SLO-BLOW
P5045792	FUSE BLOCK, 3 POST
P5046197	CONDUIT, SEALTITE
P5046688	RELAY, 24 VAC, SPST
P5046755	CAPACITOR, 6PS-810
P5046965	ELEMENT, 208 VAC
P5046968	ELEMENT, 240 VAC
P5047116	SWITCH, RED LIGHTED ROCKER
P5047118	SWITCH, GREEN LIGHTED ROCKER
P5047119	SWITCH, RED/AMBER LIGHTED ROCKER
P5047569	TIMER
P5047581	T-STAT
P6071071	CLAMP, WIRE 3/8 NYLON
P6071140	CONNECTOR, LIQUID TIGHT
P6071223	GROMMET, .50 ID X 1.13 OD X .84 GRV DIA
P6071269	KNOB

NUMERICAL PART LIST (Continued)

Pitco Frialator Part No.	Part Description
P6071300	MAGNET, DOOR
P6096306	LABEL
PP10019	NUT, 10-24 SS KEEP
PP10020	LABEL, GROUND SYMBOL
PP10271	SWITCH, HIGH LIMIT
PP10388	CLAMP
PP10428	TRANSFMR, 80 VA, 380/440/480 VAC TO 24 VAC (380 VAC MODEL)
PP10429	TRANSFMR, MULTI-TAP TO 24 VAC
PP10560	CONTACTOR, 24 VAC
PP10565	DRAIN VALVE
PP10665	SCREW, 10-24 X 3/8
PP10687	SCREW, 6-32 X 5/16”
PP10693	SCREW, 10-24 X 3/8"
PP10698	SCREW, 10-24 X 5/8"
PP10752	SCREW, 10-24 PAN HEAD
PP10829	ELEMENT, 380 VAC
PP10839	PLUG, SS

Chapter 5: Schematics

Schematic Description	Schematic Number
SCHEMATIC, CPE14 6.0 KW 208/240/380 VAC	700163

NOTES:

1. ALL WIRES 20 AWG UOS (EG. BK–10, USE 10 AWG WIRE).
2. 208 VAC MODELS: CONNECT BLACK LEAD TO PIN 2 ON T1.
   240 VAC MODELS: CONNECT BLACK LEAD TO PIN 1 ON T1.
   380 VAC MODELS: CONNECT BLACK LEAD TO PIN 3 ON T1.
3. MAT'L OF LABEL: 2 MILL WHITE MYLAR WITH 1 MILL CLEAR CAP.
4. ALL LETERING AND BORDER, FOR LABEL, TO BE BLACK IN COLOR.
5. LABEL BACK TO HAVE PRESSURE SENSITIVE L–23 ADHESIVE WITH SPLIT LINER.

TABLE 1		
VOLTAGE/PHASE	KW	LINE/AMPS
208/1 PHASE 2 WIRE & GND	6	L1 – 29 L3 – 29
240/1 PHASE 2 WIRE & GND	6	L1 – 25 L3 – 25
380/1 PHASE 2 WIRE & GND	6	L1 – 16 L3 – 16

TABLE 2		
VOLTAGE	HR1	T1
208	P5046965	PP10429
240	P5046968	PP10429
380	PP10829	PP10428

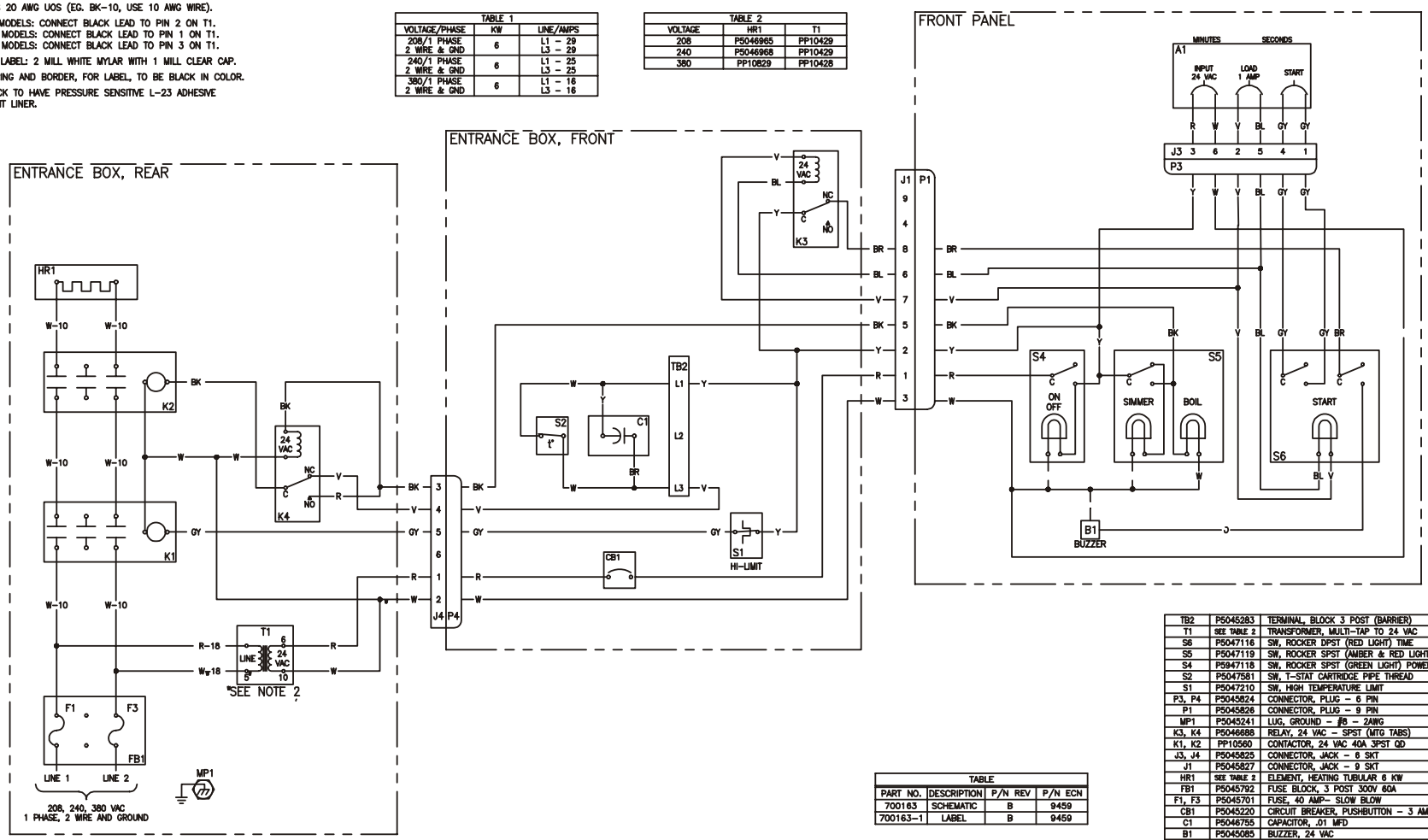

TABLE			
PART NO.	DESCRIPTION	P/N REV	P/N ECN
700163	SCHEMATIC	B	9459
700163–1	LABEL	B	9459

QTY	DESCRIPTION	PART NO.	MFG.
1	TERMINAL, BLOCK 3 POST (BARRIER)	P5045283	
1	TRANSFORMER, MULTI–TAP TO 24 VAC	SEE TABLE 2	
1	SW, ROCKER DPST (RED LIGHT) TIME	P5047116	
1	SW, ROCKER SPST (AMBER & RED LIGHTS)	P5047119	
1	SW, ROCKER SPST (GREEN LIGHT) POWER	P5947118	
1	SW, T–STAT CARTRIDGE PIPE THREAD	P5047581	
1	SW, HIGH TEMPERATURE LIMIT	P5047210	
2	CONNECTOR, PLUG – 6 PIN	P5045824	
1	CONNECTOR, PLUG – 9 PIN	P5045826	
1	LUG, GROUND – #8 – 2AWG	P5045241	
2	RELAY, 24 VAC – SPST (MTG TABS)	P5046688	
2	CONTACTOR, 24 VAC 40A 3PST QD	PP10560	
2	CONNECTOR, JACK – 6 SKT	P5045825	
1	CONNECTOR, JACK – 9 SKT	P5045827	
1	ELEMENT, HEATING TUBULAR 6 KW	SEE TABLE 2	
1	FUSE BLOCK, 3 POST 300V 60A	P5045792	
2	FUSE, 40 AMP– SLOW BLOW	P5045701	
1	CIRCUIT BREAKER, PUSHBUTTON – 3 AMPS	P5045220	
1	CAPACITOR, .01 MFD	P5046755	
1	BUZZER, 24 VAC	P5045085	
1	TIMER, SOLID STATE– 24 VAC 0–16 MIN	P5047569	

REVISIONS			
B	REV	DWG APPROVAL	DATE
9459	EN NO	B. PARKER	12/3/99
12/14/99	DATE	RA	12/9/99
MGM	DR	3701	12/3/99
	CK		
	APPD		

CPE14
USED ON NEXT ASSY

.XX ± .02
.XXX ± .015
ANGLE ± .5°

PITCO FRIALATOR, INC.
P.O. BOX 501 CONCORD, NH 03302–0501

SCHEMATIC, CPE14
6.0 KW 208/240/380 VAC

PART NO: SEE TABLE
SCALE: NONE SH 1 OF 2
SIZE D 700163 REV B